

## Lead Sheet

### Description:

Lead is a high density mass barrier used in acoustic insulation applications for a range of industries including oil and gas, automotive and construction. As a standard, lead sheet is available in 0.5 mm thickness (5.67 kg/m<sup>2</sup>), other thicknesses can be available on request.

### Classification: - Health Hazards:

When supplied in roll/sheet form (solid state), lead is not classified as hazardous to health according to its classification under CLP/GHS (Lead Metal – General Grade). Consequently, there are no specific requirements for Labelling, Signal Words or Hazard Statements.

### Environmental:

When supplied in roll/sheet form (solid state), it is not classified as hazardous to the environment, according to its classification under CLP (Lead Metal – General Grade)

**Composition:** Lead (Pb) >99.9%; low concentrations of other metals may be present; some as alloying constituents, others as impurities.

Properties:	
Density	11.32 g/cm <sup>3</sup>
Thickness	0.5 mm ( 5.67 kg/m <sup>2</sup> )
Colour	Silver/Grey
Odour	None
Specific Temperature	Melting Point: 327 °C Boiling Point: 1,740 °C Fuming Point: >500 °C
Form	Solid
Solubility	Insoluble in ordinary solvent and water
Additional Properties	Vapour Pressure 1mm hg at 973°C

### Safety:

When supplied in roll/sheet form (solid state), lead is not classified as hazardous to health or the environment and is not likely to cause problems for those working or handling it – especially not if certain basic health & safety and hygiene practices are observed. During storage, oxidation will cause a surface film of lead compounds.

Ensure good ventilation in working area, provide local exhaust ventilation (if necessary), especially if the lead is to be melted or subject to any operation/process that causes it to give off fumes. Personal Protection Equipment (PPE) must be worn when handling lead. Use appropriate lifting equipment where necessary.

### Packaging:

Supplied in rolls packed on wooden pallets.



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